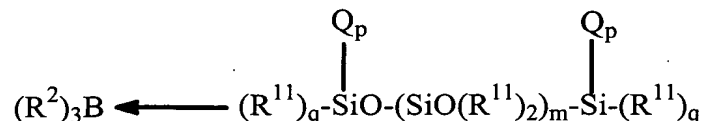


**LISTING OF THE CLAIMS:**

1. (canceled)
2. (currently amended) The method of Claim 13 wherein the object is a fitting.
3. (original) The method of Claim 2 wherein the pipe comprises a spigot having an exterior surface and the fitting comprises a bell having an interior surface and an open end for receiving the spigot whereby
  - (i) the curable adhesive composition is applied to the exterior surface of the spigot, the interior surface of the bell or to both surfaces and
  - (ii) the fitting and pipe are joined by inserting the spigot into the bell.
4. (canceled)
5. (canceled)
6. (canceled)
7. (currently amended) The method of Claim 13 where in the pipe and the object comprise polypropylene.
8. (currently amended) The method of Claim 13 wherein the pipe and the object comprise polyethylene.
9. (currently amended) The method of Claim 13 wherein the pipe is a first polyolefin and the object is a second polyolefin different from the first polyolefin.
10. (canceled)
11. (canceled)
12. (canceled)
13. (currently amended) ~~The method of Claim 1 wherein the boron containing initiator compound comprises~~ A method for joining a pipe having a first surface to an object having a second surface comprising the steps of:
  - (i) applying an effective amount of a curable one or two part adhesive composition to the first surface of the pipe, the second surface of the object or to both surfaces, wherein the adhesive comprises
    - (a) a boron containing initiator compound comprising an organoborane amine complex having the structure

$$(R^2)_3-B \leftarrow NH_2(CH_2)_b-(C(R^{12})_2)_a-Si-((R^{11})_q(Q)_p)$$

or



wherein

B represents boron;

$R^2$  is separately in each occurrence  $C_{1-10}$  alkyl,

$C_{3-10}$  cycloalkyl, or two or more of  $R^2$  may combine to form a cycloaliphatic ring;

Q is a hydrolyzable moiety;

$R^{11}$  is independently in each occurrence hydrogen, alkyl, alkoxy, alkenyl, alkyl amino or corresponds to the formula  $((CR^{14}H)_rO)_n - (NR^4) - (CH_2)_o - NH_2$  with the proviso that at least  $(R^{11})'$  is a primary amine leave this as is;

$R^{12}$  is independently in each occurrence hydrogen, alkyl, aryl, alkoxy, and may further contain one or more primary, secondary or tertiary amines;

$R^{14}$  is separately in each occurrence hydrogen or alkyl;

$R^4$  is hydrogen,  $C_{1-10}$  alkyl,  $C_{6-10}$  aryl or  $C_{7-10}$  alkaryl;

a is a number of from 1 to 10;

b is a number of from 0 to 1;

m is separately in each occurrence a whole number of 1 or greater;

p is separately in each occurrence a number of from 1 to 3;

q is separately in each occurrence an integer from 1 to 2 wherein the sum of p and q on each silicon atom is 3;

n is separately in each occurrence an integer of about 4 to about 400;

o is separately in each occurrence an integer of about 1 to about 9; and

r is separately in each occurrence an integer of 2 or 4.

(b) one or more monomers, oligomers, polymers or mixtures thereof having olefinic unsaturation which is capable of polymerization by free radical polymerization, and

- (c) optionally a decomplexing agent and  
(ii) joining the first surface of the pipe with the second surface of the  
object,

wherein the pipe and object independently comprise one or more polyolefin.

14. (currently amended) The method of Claim 13 comprising a decomplexing agent selected from a Lewis acid, a Brønsted acid, an anhydride, an isocyanate, a sulfonic acid chloride, methacrylic acid, or an adduct of maleic anhydride and hydroxyethyl methacrylate.

15. (currently amended) The method of Claim 13 wherein the adhesive further comprises an effective amount of an isocyanate containing compound; one or more unpolymerized or partially polymerized compound having ring opening heterocyclic moieties and optionally a Lewis acid catalyst capable of initiating polymerization of the compound containing heterocyclic moieties; one or more compound, oligomer or prepolymer having siloxane groups and reactive moieties in its backbone capable of polymerization; one or more compound, oligomer or prepolymer having siloxane groups in its backbone which contain a moiety which when exposed to moisture forms an acid capable of decomplexing the organoborane amine complex; or mixtures thereof.

16. (currently amended) The method of Claim 13 wherein the adhesive comprises a polymerizable acrylate monomer.

17. (original) The method of Claim 3 further comprising a gap for receiving the adhesive said gap is positioned between part or all of the mating exterior surface of the spigot and the interior surface of the bell.

18. (original) The method of Claim 17 wherein the gap has a uniform thickness.

19. (original) The method of Claim 18 wherein the gap comprises a channel in the bell, alignment guides raised from the interior surface of the bell which contact the exterior surface of the spigot, a guide ring fitted into an end of the bell said guide ring having a smaller internal diameter than the bell, a mesh collar of constant thickness, a gasket, a serrated washer, or combinations thereof.

20. (currently amended) The method of Claim 13 having a VOC emission of less than about 650 g/l.

21. (currently amended) The method of Claim 13 having a VOC emission of less than about 270 g/l.

22. (canceled)